



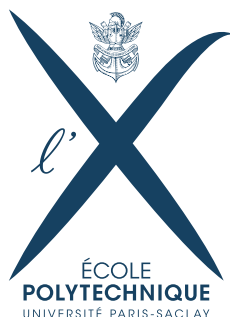
# PROJET SIMULATION NUMÉRIQUE ALÉATOIRE

**Sûreté aérienne  
MAP 474D**

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# 1

## PRÉSENTATION DU SUJET

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### 1.1 SIMULATION DES TRAJECTOIRES

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## 2

# LE POINT SUR NOS RÉSULTATS

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### 2.1 ESTIMATION DE LA PROBABILITÉ DE CONFLIT

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#### 2.1.1 ESTIMATION VIA MONTE CARLO

#### 2.1.2 ESTIMATION VIA LA MÉTHODE DE SPLITTING

#### 2.1.3 ESTIMATION VIA IMPORTANCE SAMPLING

### 2.2 LOI CONDITIONNELLE

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### 2.3 OPTIMISATION DE PLAN DE VOLS

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# 3 CONCLUSION

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FIN

## 4

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